

Title (en)
NOVEL STAT FUNCTION-REGULATORY PROTEIN

Title (de)
NEUES PROTEIN, WELCHES DIE FUNKTION VON STAT REGULIERT

Title (fr)
NOUVELLE PROTEINE DE REGULATION DE LA FONCTION STAT

Publication
EP 0989186 A1 20000329 (EN)

Application
EP 97909617 A 19971023

Priority
• JP 9703860 W 19971023
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Abstract (en)
A protein regulating the functions of STAT proteins in the JAK/STAT signal transmission system in mammals characterized by being induced by STAT3 or STAT6, inhibiting the tyrosine phosphorylation of gp130 and STAT3 and having an SH2 region; a DNA encoding this protein; a method for screening substances having the function of regulating cytokines with the use of the above protein, the antisense DNA and RNA inhibiting the biosynthesis of the above protein; a monoclonal antibody capable of binding to the above protein, probe DNA and RNA hybridizable with the above DNA; a recombinant DNA constructed by integrating the above DNA into a vector allowing the replication thereof; the resultant transformant; and a method for screening substances having the function of regulating cytokines with the use of the above transformant. <IMAGE>

IPC 1-7
C12N 15/12

IPC 8 full level
C07K 14/47 (2006.01); **C12N 15/12** (2006.01)

CPC (source: EP US)
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Cited by
US7247424B2; WO0222813A1; US6905842B1; US7279557B2

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